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Electronic Patent Application Submission

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| EFS ID: | 17101 | |
| Application ID: | 10064758 | |
| Title of Invention: | LINEAR DIODE LASER ARRAY LIGHT COUPLING APPARATUS | |
| First Named Inventor: | Jeffrey Remillard | |
| Domestic/Foreign Application: | Domestic Application | |
| Filing Date: | null | |
| Effective Receipt Date: | 2002-08-14 |  |
| Submission Type: | Utility Patent Filing | |
| Filing Type: | new-utility | |
| Confirmation Number: | 0 | |
| Attorney Docket Number: | 201-1006 FAM | |
| Digital Certificate Holder: | cn=Raymond L. Coppiellie, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US | |
| Certificate Message Digest: | EZ/+X1tDkstW7H49LEyDAQ== | |
| Total Fees Authorized: | \$988.0 | |
| Payment Category: | DA - Deposit Account | |
| Deposit Account Number: | 61510 | |
| Deposit Account Name: | Saundra M. Lewis | |

TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

201-1006
FAM

Submission Type: Utility Patent
Filing

LINEAR DIODE LASER ARRAY LIGHT COUPLING APPARATUS

First Named Inventor: Jeffrey Thomas Remillard

SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Sandra M. Lewis Electronic Filing
Specialist

Electronic Signature Mark: /sml

Date Signed: 20020814

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declaration

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bibd-transmittal
us-information-disclosure-statement
patent-assignments
specification
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infodisclosurestatement.tif
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Comments:

If insufficient funds in Deposit Account 06-1510, please use Deposit Account 06-1505.

| DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION | Attorney's Docket No. 201-1006 | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|----------------------|---------------|---|----------------------|---------------|---|
| <p>As a below named inventor, I hereby declare: My residence, post office address and citizenship are as stated below next to my name;</p> <p>I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claim for which a patent is sought on the invention entitled</p> <p>LINEAR DIODE LASER ARRAY LIGHT COUPLING APPARATUS</p> <p>the specification of which is attached hereto.</p> <p>I have reviewed and understand the contents of the specification identified above, including the claims.</p> <p>I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> no such applications have been filed, or</p> <p style="margin-left: 40px;"><input type="checkbox"/> such applications have been filed as follows:</p> <p style="margin-left: 40px;"><input type="checkbox"/> I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"><thead><tr><th style="width: 15%;">COUNTRY</th><th style="width: 20%;">APPLICATION NO.</th><th style="width: 20%;">DATE OF FILING (month, day, year)</th><th style="width: 20%;">DATE OF ISSUE (month, day, year)</th><th style="width: 25%;">PRIORITY CLAIMED UNDER 35 USC 119</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> <p style="font-size: small; margin-top: 5px;"><input type="checkbox"/> Addition provisional application numbers are on a separate priority data PTO/SB/021 attached hereto</p> <p>I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which becomes available between the filing date of the prior application and the national or PCT International filing date of this application.</p> <table style="width: 100%; margin-top: 10px;"><tr><td style="width: 33%; border-bottom: 1px solid black;">(Application Number)</td><td style="width: 33%; border-bottom: 1px solid black;">(Filing Date)</td><td style="width: 33%; border-bottom: 1px solid black;">(Status - patented, pending, abandoned)</td></tr><tr><td style="border-bottom: 1px solid black;">(Application Number)</td><td style="border-bottom: 1px solid black;">(Filing Date)</td><td style="border-bottom: 1px solid black;">(Status - patented, pending, abandoned)</td></tr></table> <p>POWER OF ATTORNEY: - I/we hereby appoint the following Practitioners: Customer No. 28549, Robert P. Renke - 40.7 my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States and Trademark Office and all foreign Patent Offices.</p> | | COUNTRY | APPLICATION NO. | DATE OF FILING (month, day, year) | DATE OF ISSUE (month, day, year) | PRIORITY CLAIMED UNDER 35 USC 119 | | | | | | | | | | | (Application Number) | (Filing Date) | (Status - patented, pending, abandoned) | (Application Number) | (Filing Date) | (Status - patented, pending, abandoned) |
| COUNTRY | APPLICATION NO. | DATE OF FILING (month, day, year) | DATE OF ISSUE (month, day, year) | PRIORITY CLAIMED UNDER 35 USC 119 | | | | | | | | | | | | | | | | | | |
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| (Application Number) | (Filing Date) | (Status - patented, pending, abandoned) | | | | | | | | | | | | | | | | | | | | |
| (Application Number) | (Filing Date) | (Status - patented, pending, abandoned) | | | | | | | | | | | | | | | | | | | | |

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of any patent issuing thereon.

| NAME AND MAILING ADDRESS OF INVENTOR. | RESIDENCE | CITIZENSHIP | SIGNATURE |
|---|---------------------------|-------------|---------------------|
| Jeffrey Thomas Remillard 5949 Cottonwood Dr. Ypsilanti, MI 48197 US | Ypsilanti, MI 48197 US | U.S.A. | |
| Willes H. Weber 2947 Hickory Lane Ann Arbor, MI 48104 US | Ann Arbor, MI 48104 US | U.S.A. | |
| Timothy Fohl 681 South St. Carlsisle, MA 01741 US | Carlsisle, MA 01741 US | U.S.A. | <i>Timothy Fohl</i> |
| | | | |

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. **201-1006**
Date: August 9, 2002


Sir:

Inventor(s):
Jeffrey Remillard
Willes Weber
Tmothy Fohl

For: **LINEAR DIODE LASER ARRAY LIGHT COUPLING APPARATUS**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



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Complete if Known

| | |
|-------------------------------|---------------------------------|
| Application Number | APPLIED FOR |
| Filing Date | HEREWITH |
| First Named Inventor | Jeffrey Thomas Remillard, et al |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 201-1006 (FGT 1628 PA) |

[illegible][illegible]

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents ³ Enter Office that issued the document, by the two letter code (WIPO Standard ST 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible ⁶ Applicant is to place a check mark here if English language Translation is attached

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$$\frac{1}{\Gamma(\alpha)} \int_0^t (t-\tau)^{\alpha-1} f(\tau) d\tau = \frac{1}{\Gamma(\alpha)} \int_0^t (t-\tau)^{\alpha-1} \left(\frac{1}{\Gamma(\beta)} \int_0^\tau (\tau-\eta)^{\beta-1} f(\eta) d\eta \right) d\tau$$

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Large Entity

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Date Signed: 20020814

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 20 | 103 | \$ 18 | 0 | \$ 0 |
| Independent Claims: 5 | 102 | \$ 84 | 2 | \$ 168 |

Subtotal For Extra Claims Fees: \$ 168

ADDITIONAL FEES

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 581 | \$ 40 | \$ 40 |
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 581 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 80